

Page 10, line 8, after "contents" insert --are--;
line 11, change "other" to --another--.

Page 11, line 9, change "manufacturer's" to --manufacturers'--.

IN THE CLAIMS

Please cancel claims 1-3 and 11-14, amend claims 6 and 8 and add new claims 15-39 as follows:

Sub D3
6. (ONCE AMENDED) The recording apparatus of claim 4, wherein the manufacturer information has a maximum number of manufacturer information items, and if the number of manufacturer information items exceeds the maximum number of manufacturer information items, then the recording controller deletes an oldest one of the manufacturer information [item] items.

Sub G3
8. (ONCE AMENDED) A reproducing apparatus for reproducing content, including audio, video, and/or information data, [on] from a rewritable recording medium, comprising:
a reproducing controller to reproduce the content, formatted information for the content and manufacturer information to support a manufacturer's specific function, wherein the manufacturer information comprises an identification code of the manufacturer of a recording apparatus that last modified the content of the recording medium.

Sub C5
15. (NEW) The recording apparatus of claim 7, wherein the device comprises:
a coder to compression-code an A/V signal according to a predetermined compression scheme;
a signal processor to modulate the compression-coded A/V signal;

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a radio frequency amplifier to convert the modulated signal into a radio frequency signal;
an optical pickup to record the radio frequency signal as the manufacturer identification code on the recording medium;
a servo unit to control servo of the optical pickup based upon read signals from the radio frequency amplifier; and
a system controller to control the coder, the signal processor, the optical pickup, and the servo unit.

16. (NEW) The recording apparatus of claim 7, wherein the device records a product information code indicating a product model of the recording apparatus that last modified the content of the recording medium on the recording medium.

17. (NEW) The recording apparatus of claim 16, wherein the device records an operation code indicating information on an operation performed by the recording apparatus other than reproduction on the content on the recording medium.

18. (NEW) The recording apparatus of claim 17, wherein the operation code information is compatible for a plurality of different manufacturers.

19. (NEW) The recording apparatus of claim 7, wherein the device records a manufacturer information item specific to the manufacturer, and a manufacturer code to indicate the manufacturer of the manufacturer information item.

20. (NEW) The recording apparatus of claim 16, wherein the device records a manufacturer information item specific to the manufacturer, a manufacturer code to indicate the manufacturer of the recording apparatus of the manufacturer information item, and a product code to indicate a product model of the recording apparatus of the manufacturer information item.

21. (NEW) The recording apparatus of claim 20, wherein the device records time information indicating a time when the manufacturer information item is recorded on the recording medium.

22. (NEW) The recording apparatus of claim 20, wherein the device records the manufacturer codes and the product codes at a beginning part of the manufacturer information item.

23. (NEW) The recording apparatus of claim 19, wherein the device records a search pointer indicating a starting address of the manufacturer information item.

24. (NEW) The recording apparatus of claim 19, wherein the device updates a number of total manufacturer information items recorded on the recording medium.

25. (NEW) The recording apparatus of claim 24, wherein the recording apparatus determines whether the number exceeds a predetermined limit, and if so, deletes an oldest manufacturer information item stored on the recording medium.

26. (NEW) The recording apparatus of claim 16, wherein the device records a last address of manufacturer information which includes the manufacturer identification code and the product information code.

27. (NEW) The recording apparatus of claim 17, wherein the device records a last address of manufacturer information which includes the manufacturer identification code, the product code, and the operation code.

28. (NEW) A recording and reproducing apparatus to record and reproduce content on a recording medium, comprising:

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a recorder to record on the recording medium a manufacturer identification code of the recording and reproducing apparatus indicating a manufacturer of the recording and reproducing apparatus as the last one to modify the content of the recording medium; and

a reproducer to read the manufacturer identification information, determine whether the content is effective based upon whether the read manufacturer identification information matches that of the recording and reproducing apparatus, and read the content if the content is effective.

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29. (NEW) The recording and reproducing apparatus of claim 28, wherein if the reproducer determines that the read manufacturer identification information does not match that of the recording and reproducing apparatus, the reproducer reads the content of the recording medium to determine whether the content is effective.

30. (NEW) The recording apparatus of claim 4, wherein the manufacturer information further comprises a manufacturer information item specific for the manufacturer of the recording apparatus, wherein the recorder updates only the manufacturer information item and does not update other manufacturer information items already recorded on the recording medium.

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31. (NEW) A reproducing apparatus to reproduce content from a recording medium on which a manufacturer identification code of a manufacturer of an apparatus that last modified the content of the recording medium, the reproducing apparatus comprising:

an optical pickup to read the manufacturer identification code; and

a reproducer to make a first determination of the manufacturer of the apparatus that last modified the content based upon the read manufacturer identification code, and make a second determination whether the optical pickup is to read the content based upon the first determination.

32. (NEW) The reproducing apparatus of claim 31, wherein the reproducer comprises:

a radio frequency amplifier to convert an optical signal of the read manufacturer identification code and the read content to an electrical signal and extracts a servo signal from the optical signal;

a signal processor to perform error correction coding and demodulate the optical signal;

a decoder to decode the error corrected demodulated signal;

a servo unit to control servo of the optical pickup based upon the servo signal; and

a system controller to control the radio frequency amplifier, the signal processor, the decoder, and the servo unit.

33. (NEW) The reproducing apparatus of claim 31, wherein the recording medium has a product information code indicating a product model of the apparatus that last modified the content of the recording medium on the recording medium, the optical pickup reads the product model, and the reproducer determines whether to read the content based upon the read product model.

34. (NEW) The reproducing apparatus of claim 31, wherein the recording medium has an operation code indicating information on an operation performed by the recording apparatus that last modified the content of the recording medium, the optical pickup reads the operation code and the reproducer determines how to modify the content based upon the read operation code.

35. (NEW) The reproducing apparatus of claim 33, wherein the recording medium has a manufacturer information item specific to the manufacturer, and a manufacturer code to indicate the manufacturer of the manufacturer information item, wherein the optical pickup reads the manufacturer code and the reproducer determines whether to read the manufacturer information item if the manufacturer code matches a code relating to the manufacturer of the reproducing apparatus.

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36. (NEW) The reproducing apparatus of claim 33, wherein the recording medium has a manufacturer information item specific to the manufacturer, a manufacturer code to indicate the manufacturer of the recording apparatus of the manufacturer information item, and a product code to indicate a product model of the recording apparatus of the manufacturer information item, wherein the optical pickup reads the manufacturer code and the product code, and the reproducer determines whether to read the manufacturer information item if the manufacturer code matches a code relating to the manufacturer of the reproducing apparatus and the product code matches a code relating to the product model of the reproducing apparatus.

37. (NEW) The reproducing apparatus of claim 36, wherein the recording medium has time information indicating a time when the manufacturer information item is recorded on the recording medium, the optical pickup reads the time information and the reproducer processes the read time information.

sub 38. (NEW) The reproducing apparatus of claim 35, wherein the recording medium has a search pointer indicating a starting address of the manufacturer information item, the optical pickup reads the search pointer and then reads the manufacturer information item at the starting address thereof.

sub 39. (NEW) The reproducing apparatus of claim 31, wherein the reproducer determines whether the read manufacturer identification code matches a code of a current reproducing apparatus relating to a manufacturer of the current reproducing apparatus, controls the optical pickup to read the content if there is a match for reproduction of the content, controls the optical pickup to read the content if there is not the match for analyzing the content, and reproduces the content if there is the match or if the analysis indicates the content is reproducible by the current reproducing apparatus.